

ABSTRACT OF THE DISCLOSURE

5 Styrenic resin composition comprising a rubber
modified styrene maleic anhydride copolymer and
polybutene. The resin is prepared by several
methods including adding polybutene into the
10 reactor, or adding polybutene to the syrup exiting
the reactor and prior to entering the devolatilizer,
or compounding polybutene into the polymer in an
extruder after the polymer exits the devolatilizer.
The polybutene ranges from 0.1 to 8% by weight and
has a number average molecular weight from 900 to
15 2500. The rubber ranges from 4% to 20% by weight and
has a particle size from 0.1 micron to 11 microns.
The resin can be extruded into sheet and
thermoformed into an article or can be coextruded to
produce a laminated article, which may be a
20 container for packaged foods that can be heated in
microwave ovens and which container has improved
toughness, elongation, and heat distortion
resistance properties.